

Information on code changes, elevators (page 5) and fire prevention (page 9)

Inside this *WBCR*

Administrative permits	page 2
Burks returns	page 2
Venting of appliances	page 3
Credential exams schedule	page 4
Clothes dryer fires	page 4
Sprinkler seminars	page 8
West-central area office moves	page 8
Fire loss in U.S. in 1998	page 12

S&B WebSite addresses modified

All of the Safety and Buildings Division Website page addresses were modified due to a reorganization of the Internet efforts of the Department of Commerce, of which S&B is a part.

Changing addresses broke any link, favorite, or bookmark attached from outside the site.

The new address of the S&B main page is <http://www.commerce.state.wi.us/COM/Com-Safety-and-Buildings.html>.

If you have questions about the S&B WebSite, contact Todd Taylor, ttaylor@commerce.state.wi.us, 608-267-3606.

Toss old plan review application forms

Throw away old Safety and Buildings Division plan review application forms that you may have.

Old forms have wrong addresses, and wrong fees, and ask the wrong questions.

These are the current form numbers and their revision dates; these are the ones you want:

- SBD-1 18 (R.4/99) Buildings, HVAC, and Components
- SBD-10577 (R.2/99) POWTS
- SBD-6154 (R.10/98) General Plumbing
- SBD-9808 (R.4/99) Public Swimming Pools
- SBD-22 (R. 10/98) Elevator, Escalator, and Related Transportation

If you need new application forms, contact any of the Safety and Buildings offices listed on page 14 of this *WBCR*. The forms can be emailed to you.

Also, the forms are available on the S&B WebSite at <http://www.commerce.state.wi.us/SB/SB-Forms.html>.

Something relatively new on the WebSite is a document showing the earliest available plan review dates in each S&B office: <http://www.commerce.state.wi.us/SB/SB-DailyDoc.html>.

Wisconsin Building Codes Report

Safety and Buildings Division,
Department of Commerce

November 1999



Clarification on administrative permits

In the September 1999 *WBCR* there was an article discussing the relationship of pulling building permits and the need for Dwelling Contractor Financial Responsibility certification.

An example given, based in "Our Town," Wisconsin, mentioned a room and deck addition.

The explanation said that if "Our Town" does not voluntarily enforce the Wisconsin Uniform Dwelling Code, a contractor would still need to file administrative permit information.

That's not true in the case of alterations and additions. If the UDC is not being voluntarily enforced by a municipality of under 2,500 people, submittal of administrative permit information is needed for new dwellings, but not for additions and alterations.

If you have questions, contact Safety and Buildings Division staff members Tom Kasper, 608-267-7586, tkasper@commerce.state.wi.us, or Leroy Stublaski, 608-267-5113, lstublaski@commerce.state.wi.us.

Burks returns as field operations director

He changed his mind.

The *WBCR* reported last month that Ben Burks had resigned as Director of the Bureau of Field Operations to take a job on the east coast (of the U.S., not of Wisconsin).

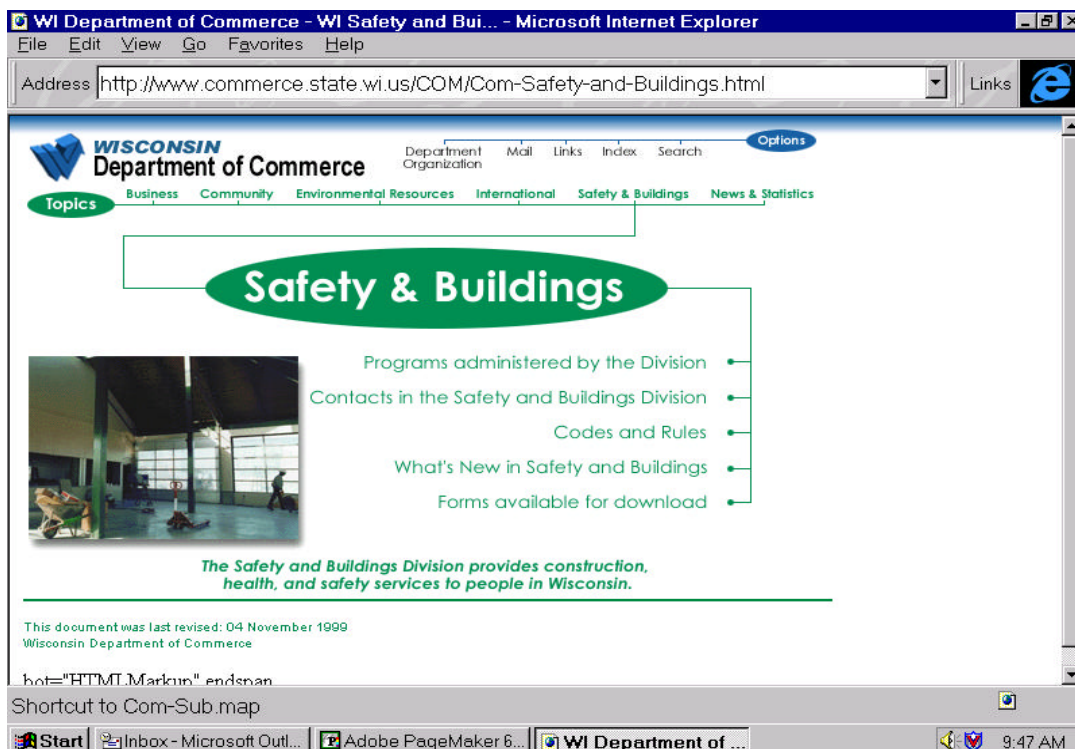
He changed his mind.

He's back as BFO director; bburks@commerce.state.wi.us, 608-267-0056.

Randy Baldwin has turned around from being acting BFO director to his position as Bureau of Integrated Services director. Robin Zenter, who was acting BIS director, is back at his BIS section chief position.

Be sure to check to see if you need additional continuing education credit hours before the end of the year!

<http://www.commerce.state.wi.us/COM/Com-Safety-and-Buildings.html>



There are code differences related to venting of sealed combustion gas appliances

By Randy Dahmen, S&B HVAC code consultant, 608-266-3162, rdahmen@commerce.state.wi.us

State inspectors have recently reported several cases of sealed combustion direct vent appliances that were not installed correctly.

Gas heating appliances that are direct vent sealed combustion units have a note in the Gas Appliance Manufacturers Association (GAMA) directory that states “direct venting including venting and combustion air systems.” Appliances are typically listed by GAMA.

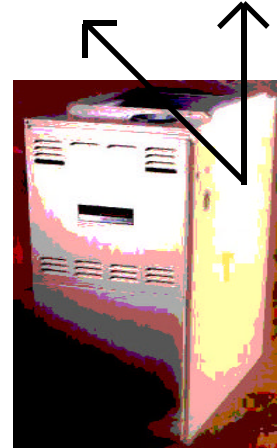
The note indicates the unit requires installation of two pipes in order to meet GAMA and American Gas Association (AGA) listing requirements. The two pipes would consist of an air intake pipe and an exhaust pipe leading from the heating appliance to the exterior of the building. As you probably already know, manufacturers have created a single pipe with two pipe spaces. This is an acceptable means of field assembly eliminates the need for creating two holes leading to the exterior of the building.

The same heating unit could also be listed as “can be installed as non-direct vent.” This indicates that only one pipe, the exhaust pipe, is required to be installed. The owner, designer, and contractor who install such a system are reminded that since the appliance no longer meets code requirements for a direct vent sealed combustion appliance, a one-hour fire-resistive enclosure is required around the unit in commercial buildings per Comm Table 51.08-2, footnote 1. In addition, combustion air may be required per Comm 64.09.

Instead of constructing the one-hour fire-resistive enclosure and adding combustion air, the appliance installer could simply install the required air intake pipe so as to make the appliance a direct vent sealed combustion unit.

In general, direct vent, sealed combustion units have an internal set of pressure switches that measure pressure associated with the air intake and

“... since the appliance no longer meets code requirements for a direct vent sealed combustion appliance, a one-hour fire-resistive enclosure is required around the unit in commercial buildings ...”



the exhaust pipes. If the pressure is not acceptable, the unit will not operate. Many, but not all, direct vent sealed combustion units are designed by manufacturers to operate in this way, in order to minimize the possibility of liability. Those heating units that are installed as non-direct vent may not have any switch, or if they do have a pressure switch, it can be deactivated.

If there is a question about needing both the intake and the exhaust pipe, the footnotes in the GAMA appliance directory would be one source used for listing allowances. The manufacturer’s installation manual, which is typically created based on the appliance listing, would be another source.

At this point in time, there are several manufacturers that have their furnaces approved for “direct vent, sealed combustion” as well as “non-direct vent,” using the same model number. Designers who designate heating units on HVAC plans, and contractors who install heating units should communicate with one another to ensure a listing has not been violated, or whether a one-hour rated room enclosure is required. Designers are reminded that HVAC plans should clearly indicate if the appliance to be installed is a direct vent sealed combustion unit.

Safety and Buildings Division Credential Exam Sites 2000

Credentialing Unit, 608-261-8500, madisoncred@commerce.state.wi.us

Wausau, Park Inn ,
2001 N Mountain Rd,
Wausau, WI 54401
715-842-0711

Madison, Quality Inn South,
4916 E Broadway,
Madison, WI 53716
608-222-5501

Milwaukee, Clarion Hotel,
5311 S Howell Ave,
Milwaukee, WI 53207
414-481-2400

January 4, 2000	January 11, 2000	January 19, 2000
February 8, 2000	February 15, 2000	February 22, 2000
March 7, 2000	March 14, 2000	March 21, 2000
April 4, 2000	April 14, 2000	April 18, 2000
May 9, 2000	May 16, 2000	May 23, 2000
June 6, 2000	June 13, 2000	June 20, 2000
July 6, 2000	July 11, 2000	July 18, 2000
August 8, 2000	August 15, 2000	August 22, 2000
September 6, 2000	September 12, 2000	September 19, 2000
October 3, 2000	October 10, 2000	October 17, 2000
November 7, 2000	November 14, 2000	November 21, 2000
December 5, 2000	December 12, 2000	December 19, 2000

Overheated clothes dryers can cause fires

The U.S. Consumer Product Safety Commission estimates that approximately 14,000 clothes dryer-related fires occur each year. Some of these fires may occur when lint builds up in the filter or in the exhaust duct. Under certain conditions, when lint blocks the flow of air, excessive heat buildup may cause a fire in some dryers. To prevent clothes dryer-caused fires:

* Clean the lint filter regularly and make sure the dryer is operating properly. Clean the filter after

each load of clothes. While the dryer is operating, check the outside exhaust to make sure exhaust air is escaping normally. If it is not, look inside both ends of the duct and remove any lint. If there are signs that the dryer is hotter than normal, it may be a sign that the dryer's temperature control thermostat needs servicing.

* Check the exhaust duct more often if you have a plastic, flexible duct. This type of duct is more likely to trap lint than ducting without ridges.



Lint filter should be checked and cleaned regularly

* Closely follow the manufacturer's instructions for new installations. Most manufacturers that get their clothes dryers approved by Underwriters Laboratories specify the use of metal exhaust ducts. If metal ducts are not available at the retailer where the dryer was purchased, check other locations, such as hardware or builder supply stores. If you are having the dryer installed, insist upon metal ducts unless the installer has verified that the manufacturer permits the use of plastic ducts.

Effective December 1, 1999 there are new rules in the Elevator Code, Comm 18, and in affected sections of the Commercial Building Code, Comm 2, 51, 64 and 69

This is only a partial summary of changes. Interested parties should obtain, read, and apply the printed code language. The codes are available for purchase from Document Sales, 608-266-3358 or for credit card purchases, 800-362-7253. The copies of codes are also on the Revisor of Statutes' website for review or downloading, www.legis.state.wi.us/rsb/code/comm/. Those codes are in PDF (Portable Data Format) that require an Adobe Reader to view, software that is available free from the Adobe website.

You also may view a draft version of Comm 18 changes (plus other affected codes) on the Safety and Buildings WebSite, <http://www.commerce.state.wi.us/SB/SB-RuleChanges.html>.

For more information on the changes, contact any of the elevator inspectors listed on page 15.

☐ New Requirement: Adopts by reference the 1996 edition of the American Society of Mechanical Engineers (ASME) A17.1, Safety Code for Elevators and Escalators. [Comm 18.14] Previous Requirement: Adopted by reference the 1990 edition of the American Society of Mechanical Engineers (ASME) A17.1, Safety Code for Elevators and Escalators.

☐ New Requirement: Adopts in elevator code, by cross-reference to Comm 51.25, NFPA 72-1996 Fire Alarm Code. [Comm 18.14] Previous Requirement: Adopted NFPA 72-1993.

☐ New Requirement: Requires owners to notify the Department within 48 hours of any accident resulting in injury to a person who requires immediate medical attention. [Comm 18.08 (2)] Previous Requirement: No requirement.

☐ New Requirement: Reorganizes and adds some plan submittal requirements. [Comm 18.09] The term "permit to operate" replaces "certificate of operation." [Comm 2.15, Comm 18.09 and Comm 18.12] Previous Requirement: The term "certificate of operation" was used.

☐ New Requirement: Includes definitions for the terms "healthcare facility" and "medical clinic." [Comm 18.18(2) d) and (e)] Previous Requirement: These terms were not defined.

☐ New Requirement: Adds specific language stating that access to other equipment spaces cannot pass through the elevator machine room. [Comm 18.20(3)] Previous Requirement: This requirement was implied in the Safety Code for Elevators and Escalators handbook.

☐ New Requirement: Since the 24 inches of refuge space at the top and bottom of an elevator car is now covered in the ASME A17.1 standard, it has been removed from Comm 18. [Comm 18.24] Previous Requirement: Specifically stated refuge spaces be provided.

☐ New Requirement: Requires the refuge space specified in the ASME A17.1 standard to be outlined and identified with a sign. [Comm 18.24(1)] Previous Requirement: No outline and signage requirement.

☐ New Requirement: The new code will still require drains and/or sumps w/pumps complying with Comm 82.33 and Comm 82.36 be provided in elevator pits in new construction. [Comm 18.23] *There is still no prohibition against locating the pump in the elevator pit. Be reminded that if the pump is located in the pit that additional precautionary measures by authorized personnel will have to be taken when servicing the pump. These procedures that MUST be followed are the appropriate lockout/tagout and confined space entry

continued on page 6

Elevator Code changes

continued from page 5

procedures required by OSHA regulations. If you are not familiar with those OSHA standards, contact your area OSHA office. Previous Requirement: In new construction, all elevator pits required a drain or a sump. The drains or sumps provided had to comply with Comm 82.33(9) and 82.36(11).

□ New Requirement: Side emergency exits are allowed. [A17.1 Rule 204.1], adopted in Comm 18.14] Previous Requirement: Side emergency exits were not permitted. [Comm 18.27(2)]

□ New Requirement: Permits as an alternative to the 12-inch pit depth the clearance method provided in ASME A17.1 2500.8b relating to limited-use limited-access elevators. [Comm 18.361 (2)] Previous Requirement: Required at least a 12-inch pit depth.

□ New Requirement: Permits as an alternative to the 24-inch overhead clearance the clearance method provided in ASME A17.1 2500.8d relating to limited-use limited-access elevators. [Comm 18.361 (3)] Previous Requirement: Required minimum overhead clearance of at least 24 inches.

□ New Requirement: Creates for clarity separate sections relating to accessibility for Part 5 elevators, Part 20 lifts, and Part 25 limited-use, limited-application elevators. [Comm 18.41, 18.74, 18.755 and 18.88 and references to Comm 69] Previous Requirement: Accessibility requirements were interspersed throughout Comm 18 and Comm 69.

□ New Requirement: Allows/requires the use of bumper supports instead of buffers for residential elevators providing they comply with A17.1 2501.2. [Comm 18.364] Previous Requirement: Did not allow the omission of buffers. [Comm 18.364]

□ New Requirement: Requires hand dumbwaiters to comply with Comm 18 and A17.1 Part 7. [Comm 18.43] Previous Requirement: The scope of Comm 18.42 [A17.1 Part 7] was limited to power dumbwaiters.

□ New Requirement: Reorganizes inspection requirements to modify the A17.1 Part 10 standards. [Comm 18.48 to Comm 18.59] Previous Requirement: Inspection requirements were located in Comm 18.10.

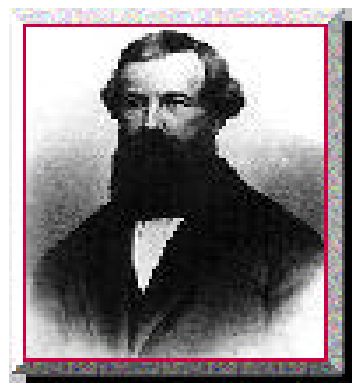
□ New Requirement: Modifies vision panel requirements for vertical platform lifts. [Comm 18.69(1)(b)2] Previous Requirement: Required a vision panel be provided in a hoistway door and designed in accordance with rule 110.7a and 110.7b.

Just a bit of history

From ancient times through the Middle Ages, and into the 13th century, man or animal power was the driving force behind hoisting devices.

By 1850 steam and hydraulic elevators had been introduced, but it was in 1852 that the landmark event in elevator history occurred: the invention of the world's first safety elevator by Elisha Graves Otis.

The first passenger elevator was installed by Otis in New York in 1857.



Elisha Graves Otis
1811 - 1861

[Comm 18.69(2)(d)]

☐ New Requirement: Modifies running clearance requirements for vertical platform lifts at door/gate/glazing insets. [Comm 18.69(1)(c)] Previous Requirement: Requires running clearance of 3/8-inch to 3/4-inch between platform and entrance and exit sides. [Comm 18.69(5)]

☐ New Requirement: Permits the use of a side entrance to a vertical platform lift. The platform size shall be at least 39 inches in width and at least 60 inches in length. The door shall be at least 42 inches in width and automatic. Maneuverability space at the door shall comply with Comm 69, ADAAG 4.13, and Figure 30. [Comm 18.69(4)] Previous Requirement: Side entrance not permitted. [Comm 18.70(1)]

☐ New Requirement: Reduces the minimum overhead clearance for inclined platform lifts and stairway chairlifts from 6'-8" to 5' along the inclined portions of stairs. [Comm 18.80(2)(b)2.] Previous Requirement: Minimum overhead clearance was 6'-8". [Comm 18.76(3)]

☐ New Requirement: Allows the mounting height of the hall call button for elevators and other mechanical lifting devices to be located between 35 inches and 48 inches above the floor. [Comm 69.275(2)] Previous Requirement: Required hall call buttons be mounted at a centerline height of 42 inches. [Comm 69 { ADAAG 4.10.3}]

☐ New Requirement: Eliminates the Wisconsin requirements relating to Department staff witnessing drop tests. Note: This alleviates the need to have the Department witness the drop test, but sufficient test data for the safeties and governors must be submitted to the Department for review and approval showing conformance with Comm 18/A17.1 prior

to, or at the time of, plan submission. Previous Requirement: Required the Department to witness drop tests for new car safeties. [Comm 18.28(1)]

☐ New Requirement: Eliminates the Wisconsin requirements relating to prohibition of an in-car stop switch. Previous Requirement: Prohibited the installation of an in-car stop switch in a passenger elevator. [Comm 18.30(4)(a)]

☐ New Requirement: Eliminates the Wisconsin requirements relating to provision of a separate pumping unit for collection of oils. Previous Requirement: Required a separate pumping unit that automatically collected oil. [Comm 18.33(1)]

☐ New Requirement: Modifies headroom height requirements for Limited-Use Limited -Application elevator machine rooms and adds a note to Comm 51.164 stating that the Comm 18 headroom requirement is 84 inches for elevator machine rooms and 78 inches for Limited-Use Limited -Application elevator machine rooms. [Comm 18.85(2)] Previous Requirement: Required headroom of at least 84 inches. [A17.1 Rule 101.4]

☐ New Requirement: Adds footnote 10 to Table Comm 64.05 stating that the designer should also refer to . Comm 18, ASME A17.1 101.5b and Comm 64.18(1) for machine room ventilation requirements. Previous Requirement: The notes and references were not in the building code, only in commentary text.

☐ New Requirement: Adds a note to Comm 69.29(1) stating that the designer should also refer to Comm 18.41 and 18.74 for maneuvering clearances at A17.1 Part 5 elevators and A17.1 Part 20 wheelchair lifts. The maneuvering space provided will determine whether power operating or non-power operating doors are required. Previous Requirement: Power operated entrance doors were required if the maneuvering space as required per this section was not provided. [Comm 18.362(3)(b) and Comm 18.69(2)(a)]

"This is only a partial summary of changes. Interested parties should obtain, read, and apply the printed code language."

Sprinkler systems and flammable, combustible liquids are topics of February NFPA seminars

The National Fire Protection Association and the Safety and Buildings Division are teaming up to provide NFPA 13 and NFPA 30 classes in Madison and Wausau in February 2000.

One class will be on the 1999 edition of NFPA 13, the standard for the Installation of Sprinkler Systems, and the other will be on the 1996 edition of NFPA 30, the Flammable and Combustible Liquids Code. Both standards are proposed for adoption in the Wisconsin Commercial Building Code, Comm 50-64.

The \$40 registration fee for the 8-hour seminar includes a copy of the NFPA standard; a seminar workbook; breaks and lunch.

The NFPA 13 seminars will be in Madison on February 8, and in Wausau on February 10, 2000. The NFPA 30 seminars will be in Madison on February 23, and Wausau on February 24, 2000.

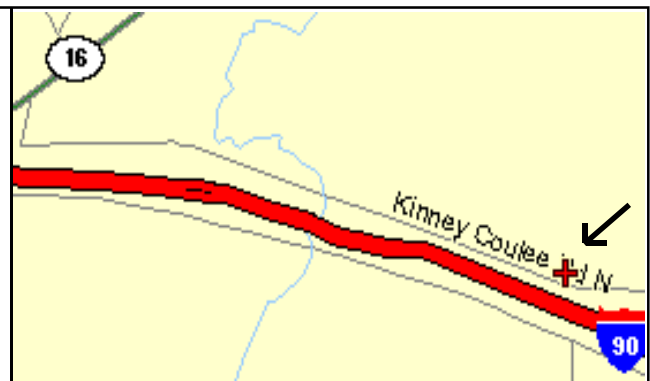
Space is limited to the first 100 code officials who submit a completed application form with the required registration fee. A confirmation and an agenda will be mailed to all registered applicants.

These seminars are tailored to code enforcement officials, including both state, and municipal

employees. Only designated fire chiefs, fire inspectors, commercial building inspectors, or plan reviewers may attend these seminars. Attendance provides eight hours of continuing education credit for each session for commercial building inspectors.

Applications were printed on pages 11 and 12 of the September *WBCR* (you can make photocopies). The applications are also on the S&B Fire Safety Program WebSite education page, <http://www.commerce.state.wi.us/SB/SB-FireSafetyProgramEducation.html>. Copies can also be obtained by contacting Yvonne Faga, 608-261-7739, yfaga@commerce.state.wi.us.

The word bonfire comes from an ancient European summer ritual of unknown significance in which animal bones were burned - bonefire. In the Middle ages it was associated with burning of saint-bone relics. Later, the term was bonfire was associated with funerary rites and the burning of subversive books. Eventually, bonfire came to mean any controlled, open-area blaze used to disperse debris.



S&B west-central office moves to 3937 North Kinney Coulee Rd, Onalaska, 54650

The Safety and Buildings Division office in west-central Wisconsin in late November moved to 3937 Kinney Coulee Road, Onalaska, about one mile east of Highway 16. Telephone and other contact

numbers remain the same. The main office number is 608-785-9334. Show is an overview of the highways in the area and a close view of the location on North Kinney Coulee.

Fire prevention code revisions adopted

By John Lippitt, S&B Fire Safety Program Manager, 608-266-1036, jlippitt@commerce.state.wi.us

On November 1, 1999, Comm 14.025 the new state Fire Prevention Code became effective, specifying the process for entitlement to a payment from the fire dues fund. Let me point out some of the highlights.

As in the past, Comm 14.025(1)(a)1 requires that to be eligible to receive a fire dues payment, a municipality shall ensure the fire protection and fire prevention services specified in statutes are provided to the entire municipality. Except for the City of Milwaukee, the required fire protection and fire prevention services shall be provided by a fire department.

Fire departments are directed to provide training as specified in either Comm 30 for public fire departments, or OSHA 29 CFR 1910.156 for private departments.

The new code defines fire department to be a municipal fire department, public safety department, or public or private organization, such as a fire association, fire district, fire company or fire corporation, organized or created for the purpose of extinguishing fires and preventing fire hazards.

The definition, based upon all of the different options in the statutes for the structure, organization, and purpose of a fire department, is used in the fire dues process to describe who must provide fire protection and fire prevention services to a municipality. This is important because some fire chiefs and fire departments thought they were not required to provide fire prevention inspections and public fire education within their territory, as they are not a municipal fire department. This is not the case, they were mistaken; the law does apply to private fire organizations. Now the state code clarifies the requirements of the state law.

New exceptions were added to the code, and some existing exceptions were reworded for clarification, to allow fire departments to inspect specific premises once per calendar rather than

twice. The list of exceptions includes:

1. Non-occupied utility facilities, such as a water well facility, electric power substation, or communication facility;
2. Mini-storage buildings - if interior access to mini-storage buildings cannot be obtained, an exterior inspection shall be conducted;
3. Vacant buildings - if interior access to vacant buildings cannot be obtained, an exterior inspection shall be conducted;
4. Confined spaces - an area that is identified by a sign as a permit-required confined space need not be internally inspected, but an exterior inspection shall be conducted;
5. Townhouses, rowhouses, residential condominiums and apartments with no common use areas - an exterior inspection of these occupancies shall be conducted;
6. Fully-sprinklered office buildings up to 60 feet in height;
7. Fully-sprinklered residential condominiums and apartments, if less than three stories in height;
8. Fully-sprinklered townhouses and rowhouses, if less than four stories in height.

A note was added to explain what was meant by fully-sprinklered. Note: Fully-sprinklered buildings are protected throughout by an automatic fire sprinkler system as specified in NFPA 13 or 13R, as adopted by reference in chs. Comm 50 to 64.

The list above is not all of the exceptions now found in Comm 14; the list reflects additions or revisions to the code. By expanding the list of exceptions, the new rule allows the fire chief to use more discretion to allocate the fire prevention inspection resources. Meaning, the fire chief may decide to inspect high-hazard or high-risk premises more often, rather than have regulations mandating the inspection of low-hazard or low-risk premises twice per year.

Language was added to the code to give fire chiefs guidance when preparing a request for a

continued on page 10

Fire prevention revisions

continued from page 9

special order for a municipality. The Safety and Buildings Division may grant a special order when an equivalency is shown in the request. S&B will not be issuing any special orders that simply seek a waiver from the fire prevention inspection requirements specified in the code.

Previously, Comm 14.04 required the fire department to record the date and location of the fire prevention inspections conducted, violations found, and corrective actions taken. This remains unchanged, but the rule now specifies that the required information specifically be recorded on the fire prevention inspection report.

The code-specified deadline for fire departments to submit their required fire incident reports to S&B has been extended from January 15 to April 1 of each year. S&B continues to request that fire departments submit the fire incident reports monthly to help facilitate processing the information.

A fire department that provides fire protection and fire prevention services to a municipality is now required to register with S&B. Annually, S&B will send all registered fire departments a fire department annual update form, which must be returned to S&B by July 1. The form will ask for information such as the number of public buildings and places of employment located within the fire department's territory, number of fire prevention inspections conducted in the previous calendar year, number of code violations found and corrected, and the names of the municipalities located within the department's territory.

The revisions to Comm 14 will provide guidance to municipalities and fire departments to maintain compliance with the state regulations for fire department dues. I suggest that each fire chief obtain a copy of the rules to ensure their fire departments and the municipalities they serve remain entitled to receive their annual fire dues payment.

Free copies of Comm 14, the Fire Prevention Code, are available on the Internet at: www.legis.state.wi.us/rsb/code/comm. **Fire departments** may order a free paper copy by submitting a request using the S&B Fire Safety Program Supplies Form, which is available from Patrick Pagel, 608-266-1818, plpagel@commerce.state.wi.us. Other interested individuals may purchase a paper copy from state Document Sales, 608-266-3358.

Questions about Comm 14 may be directed to the fire safety consultants listed on page 15 of this *WBCR*.

Events Calendar

Contact the listed Code Consultant for information on the meetings agenda, locations, etc. If you have questions concerning technicalities of the codes which are the subjects of the meetings, contact consultants and reviewers listed on pages 14 and 15 of this *WBCR*.

Dec. 15, 1999, Wednesday, **Plumbing Advisory Code Council**, 9 a.m. – 3 p.m., WHEDA Building, Rm. 3B, 201 W Washington Ave., Madison, Jean MacCubbin, 608-266-0955, jmaccubbin@commerce.state.wi.us

Feb. 1, 2000, Tuesday, **Automatic Fire Sprinkler Council**, 9:30 a.m., WHEDA Building, Rm. 4A, 201 W Washington Ave., Madison, Ron Acker, 608-267-7907, racker@commerce.state.wi.us

Feb. 2, 2000, Wednesday, **Uniform Dwelling Code Council**, 9:30 a.m.-2:30 p.m., Wisconsin Builders Association, 4868 High Crossing Blvd., Madison, Duane Hubeler, 608-266-1390, dhubeler@commerce.state.wi.us

Feb. 3, 2000, Thursday, **Fire Safety Code Council**, 9 a.m. -2 p.m., WHEDA Building, Rm. 3B, 201 W Washington Ave., Madison, Duane Hubeler, Duane Hubeler, 608-266-1390, dhubeler@commerce.state.wi.us

Material Approvals

Per Comm 10.125, COMM 20.18, and Comm 50.19, the following have been issued material approvals in September and October, 1999.. The approvals are valid for a five-year period. Copies of the full approval are available from the Safety and Buildings Integrated Services Bureau, PO Box 2658, Madison, WI 53701-2658.

Leak Detection System, 990012-U(Revised)
Petro Vend, Inc.
6900 Sante Fe Drive
Hodgkins, IL 60525-9909

Foam Wall Insulation, 990054-I
Apache Products Co.
107 Service Road
Anderson, SC 29625

Duct Furnace, 990055-H
Modine Manufacturing Company
1500 DeKoven Ave.
Racine, WI 53403

Water Heaters, 990056-H
Triangle Tube
1 Triangle Lane
Blackwood, NJ 08012

Mortar Cement, 990057-K
Lafarge Corporation
Ford Avenue
Alpena, MI 49707

Wall Surfacing Systems, 990058-I (Replaces
930029-I) Simplex Products Division
P.O.Box 10
Adrian, MI 49221

Modular Classroom, Model 2442-CR, 990059-A
Markline Industries, Inc.
S1687 CR 133
Bristol, IN 46502

Insulated Concrete Block, 990062-R(Replaces
930090-R)
Winger Concrete Products, Inc.
6857 Highway 51 South
Hazelhurst, WI 54531

Metal Connector Plates, 990063-N(Replaces
930031-N)
Eagle Metal Products
P.O.Box 1267
Mabank, TX 75147

FRP Panels, 990064-L(Replaces 900014-L)
Resolite, a United Dominion Company
Rt.19 North-P.O.Box 338
Zelienople, PA 16063

Plan review submitters can find information on the next available plan review date in each of the Safety and Buildings Division offices on the S&B WebSite, <http://www.commerce.state.wi.us/SB/SB-DailyDoc.html>.

S&B Bureau of Integrated Services Management Contacts

Acting Bureau Director: Robin Zentner
608-266-1930

Green Bay office: Brad Johnson, 920-492-5605

Hayward Office: John Spalding, 608-789-4693

LaCrosse Office: John Spalding, 608-789-4693

Madison Office:

Clyde Bryant 608-266-1835

Mary Jacobson 608-266-8456

Jim Miller 608-266-8072

Credentialing Unit Supervisor, Terry

Gudmansen: 608-261-6554

Shawano Office: Brad Johnson, 715-524-6853

Waukesha Office: Tony Rubio, 262-548-8610

Fire Loss in the United States - Estimates* by the National Fire Protection Association

+ In 1998, public fire departments attended 1,755,500 fires in the United States, of which 517,500 occurred in structures, 381,000 occurred in vehicles, and 715,000 occurred in outside properties. *Every 18 seconds, a fire department responds to a fire somewhere in the U.S.*

+ In 1998, 4,035 civilians (non-firefighters) died in fires, a decrease of 0.4% from the previous year, and 3,220 of those deaths occurred in home fires, a decrease of 4.2%. About 80% of all U.S. fire deaths occurred in home fires. *Nationwide, -there was a civilian fire death every 130 minutes.*

+ In 1998, there were an estimated 23,100 civilian fire injuries, of which 16,800 occurred in homes. *Nationwide, there was a civilian fire injury every 23 minutes.* Smoking materials seem to be the leading cause of civilian deaths in the United States, accounting for roughly one-fourth of the total.

+ In 1998, United States fire departments responded to 1,956,000 false alarms. Of the total of false alarms, 851,000 are estimated to result from a system malfunction, 309,000 are malicious, and 569,000 unintentional.

+ In 1997, there were 1,079,050 firefighters in the United States, serving in 30,665 departments. Of these firefighters, 275,700 were career and 803,350 were volunteer.

+ All-career fire departments totaled 1,979 (or 6.4% of all departments) in 1997, protecting 42.1% of the population. Mostly-career departments totaled 1,490 (4.9% of all departments), protecting 16.5% of the population. Mostly-volunteer departments totaled 4,808 (15.7% of all departments), protecting 18.4% of the population. All-volunteer departments totaled 22,388 (73% of all departments), protecting 23% of the population.

+ In 1998, a total of 91 firefighters were fatally injured while on duty. Of these, 32 were career, 50 were volunteer, and 9 were non-municipal (those not employed by local, public fire departments).

+ In 1997, 85,400 firefighters were injured in the line of duty. Of those, 40,920 occurred on the fireground.

* The National Fire Protection Association sent out 13,400 surveys of fire experience in the United States, hoping to get a statistical sample in a response from 3,000 of the about 27,000 departments in the United States. About 2800 responses were received.

Safety and Buildings-related codes are on the Internet
<http://www.legis.state.wi.us/rsb/code/comm>

State administrative codes and the code update service may be purchased by contacting state Document Sales, 608-266-3358, or 800-362-7253, for credit card purchases. ❖ ❖ ❖ ❖ ❖ ❖

CERTIFIED MUNICIPALITIES

Per ILHR 50.21, the following municipalities are certified to review plans for new buildings containing less than 5,000 sq. ft. total area; additions to existing buildings where the total area after construction of the addition is less than 5,000 sq.ft.; and alterations to existing building where the area of altered space is less than 10,000 sq. ft. If your project is located in a listed municipality, and meets the size criteria, contact the municipality for plan review. For information regarding the current status of a municipality, call 608-267-7586.

<u>Counties</u>	Fitchburg	Middleton	Port Edwards	Walworth
Eau Claire	Fond du Lac	Milwaukee*	Poynette	Waterford
	Fontana	Monroe	Racine	Waukesha
<u>Cities and Villages</u>	Fort Atkinson	Muskego	Rhineland	Waunakee
Altoona	Franklin	New Berlin	Ripon	Waupun
Antigo	Fredonia	New Richmond	Seymour	Wausau
Augusta	Glendale	Oak Creek	Sheboygan	Wauwatosa
Beloit	Grafton	Oconomowoc	Silver Lake	West Allis
Berlin	Green Bay	Omro	Stevens Point	West Bend
Big Bend	Greenfield	Osceola	Sturgeon Bay	West Milwaukee
Black River Falls	Hartland	Oshkosh	Sun Prairie	Weyauwega
Brookfield	Hortonville	Osseo	Superior	Whitefish Bay
Brownsville	Howard	Paddock Lake	Sussex	Wis. Rapids
Burlington	Janesville*	Plover	Twin Lakes	
Cedarburg	Jackson			
Cudahy	Johnson Creek	*Municipalities marked with an* are authorized to review plans without limit on size of building or project.		
Delafield	Kaukauna			
Dousman	Kenosha			
Dresser	La Crosse			
Eau Claire	Lake Geneva	<u>Towns (County)</u>	Delavan (Walworth)	
Elkhorn	Madison*	Berry (Dane)	Farmington (Polk)	
Elm Grove	Marshfield	Bloomfield (Walworth)	Geneva (Walworth)	
Fall Creek	Mequon	Bristol (Kenosha)	Grand Chute (Outagamie)	
		Cottage Grove (Dane)	Grand Rapids (Wood)	

There is also a group of municipalities having inspection authority for commercial and multifamily buildings, but which do not have plan review authority. (The Safety and Buildings Division does plan review for them.)

Inspections Only

Village of Belgium (Ozaukee)	Town of Pleasant Springs (Dane)
Village of Cambridge (Dane)	Town of Rochester (Racine)
Town of Cedarburg (Ozaukee)	Village of Rochester (Racine)
Town of Lyons (Walworth)	City of So. Milwaukee (Milwaukee)
Town of Madison (Dane)	Village of Sturtevant (Racine)
Town of Oakland (Jefferson)	Town of Summit (Waukesha)
Village of Oregon (Dane)	Village of Thiensville (Ozaukee)

Delavan (Walworth)
 Farmington (Polk)
 Geneva (Walworth)
 Grand Chute (Outagamie)
 Grand Rapids (Wood)
 Hull (Portage)
 LaGrange (Walworth)
 Linn (Walworth)
 Mukwonago (Wauke.)
 Norway (Racine)
 Ottawa (Waukesha)
 Plover (Portage)
 Raymond (Racine)
 Seymour (Eau Claire)
 Somers (Kenosha)
 Springdale (Dane)
 Sugar Creek (Walworth)
 Theresa (Dodge)
 Waterford (Racine)
 Waukesha (Waukesha)
 Wheatland (Kenosha)
 Windsor (Dane)

Safety and Buildings Offices

(maps of S&B office locations are available on the WebSite at <http://www.commerce.state.wi.us/S&B-Offices.html>)

Green Bay Office
2331 San Luis Pl #150
Green Bay WI 54304
920-492-5601
Fax 920-492-5604
greenbaysch@commerce.state.wi.us

Hayward Office
10541N Ranch Rd
Hayward WI 54843
715-634-4870
Fax 715-634-5150
haywardsch@commerce.state.wi.us

La Crosse Office
3937 North Kinney
Coulee Rd
Onalaska WI 54650
608-785-9334
Fax 608-785-9330
lacrossesch@commerce.state.wi.us

Madison Office
201 W Washington Ave
PO 2658
Madison WI 53701
608-266-3151
Fax 608-261-6699
madisonsch@commerce.state.wi.us

Shawano Office
1340 E Green Bay St #300
Shawano WI 54166
715-524-3626
Fax 715-524-3633
shawanosch@commerce.state.wi.us

Waukesha Office
401 Pilot Ct # C
Waukesha WI 53188
262-548-8600
Fax 262-548-8614
waukeshasch@commerce.state.wi.us

Plan Review Scheduling

For plan review scheduling for Plumbing and Buildings, call the S&B office numbers listed above, or contact the email address shown. Fax scheduling is possible. Information about the project will be needed to schedule the plan review. Any of the offices can schedule the first appropriate plan review available statewide.

Plan review for Private Onsite Wastewater Treatment Systems is provided on a first-come, first-served basis. Contact one of the offices for information.

Direct comments, suggestions for articles, etc., to Todd Taylor. Fax 608-264-8795.
Telephone 608-267-3606.
ttaylor@commerce.state.wi.us/
Madison mailing address above.

Sample S&B email address:
dstilen@commerce.state.wi.us

Specialty Telephone Contacts

Barrier Free Access Donna Stilen 262-548-8609
Codes Sales 1-800-362-7253
Credentialing 608-261-8500
Elevator Plan Review Brian Rausch 262-521-5444
Heating and Ventilation .. Randy Dahmen 608-266-3162
Historic Buildings Duane Peterson ... 715-524-6852
Hospitals & Nursing Homes, DHFS 608-266-3878
Industrial Hygienists Richard Brandt 262-521-5187
Tom Pritchett 608-592-3974
Lighting Randy Dahmen 608-266-3162
Manufactured Dwellings Gary Ekes 608-355-0108
Mobile/Manufactured Homes 608-266-8577
Plan Review Status S&B offices listed on this page
Refrigeration Mike Verhagen 262-548-8617
Soil Erosion Control Mary Jo Webster . 608-266-2128
Structural Steel Welding . Mike Verhagen 262-548-8617
Training Tom Kasper 608-267-7586
Uniform Dwelling Code .. Leroy Stublaski 608-267-5113
Rental Weatherization...Delores Kolosovsky 608-267-2240
Teletypewriter (TTY) 608-264-8777

Boiler Inspectors

Duane Leetch Cornell 715-239-6009
James Markiewicz Appleton 920-832-5287
Rick Merkle Kenosha 262-653-6880
Rodney Nuttall Portage 608-742-0321
Steve Seibel Fond Du Lac 920-929-7513
Dean Yourchuck, Jr Muscoda 608-929-4578
Terry Waldbillig Waukesha 262-521-5066

Plumbing Consultants

Tom Braun Hayward 715-634-3026
Tim Joyce Madison 608-825-4724
Don Kay Green Bay 920-834-3093
Don Oremus Pelican Lake 715-487-6123
Jim Wehinger Friendship 608-339-7430
Jim Zickert Eldorado 920-872-2656

POWTS Wastewater Specialists

Heidi Ferguson Stevens Point 920-779-4818
Ross Fugill Shawano 715-524-3629
Leroy Jansky Chippewa Falls ... 715-726-2544
Carl Lippert Hayward 715-634-3484
Karl Schultz Oshkosh 920-424-3311
Dennis Sorenson La Crosse 608-785-9336
Duane Steiner West Baraboo 608-355-3159
Allen Wendorf Madison 608-873-5476

The Department of Commerce does not discriminate on the basis of disability in the provision of services or in employment. If you need this printed material interpreted or in a different form, or if you need assistance in using this service, please contact us, 608-266-3151, TTY 608-264-8777.

Public Sector Occupational Safety Inspectors

Scott Amacher Cameron 715-458-4872
James Berendt Pound 920-897-4705
Terrence Clark Stevens Point 715-345-5342
Tomothy Condon Waukesha 262-521-5189
Manuel Jaurez, Jr. Orfordville 608-879-2764
Vernon Lemke Green Bay 920-492-5615
Shirley Noltemeyer Waunakee 608-849-9862

Elevator Inspectors

David Holmes Eau Claire 715-836-7268
Kenton Johnson Mount Horeb 608-437-4093
Jim Kreuzer Tomah 608-374-2430
Timothy Marty Appleton 920-832-5290
Thomas McGonagill Janesville 608-758-6063
George Poblocki Amherst 715-345-5277
Roger Robbins De Pere 920-336-0719
Jerry Rowell Argyle 608-543-3414
Ted Stinson Waukesha 262-521-5065
Bernard Zalewski Lac du Flambeau 715-588-2279
Frank Wozniak Waukesha 262-521-5065

Fire Safety Consultants

John Andersen Chippewa Falls 715-726-2556
Dave Bruflat Hayward 715-634-6739
Lyle Smith Waukesha 262-548-8621
Robert Kiser Appleton 920-954-1451
Terry Nolen Verona 608-845-5375

The *WBCR* is a monthly publication of the Safety and Buildings Division, Wisconsin Department of Commerce. It is delivered to about 4200 frequent plan submitters, inspectors, fire chiefs, and fire sprinkler credential holders. Subscriptions are also available. The publication provides information on fire safety, building-related codes, and credentialing topics.

SBD8482P

Subscription requests and address changes can be sent to Material Orders, PO Box 2509, Madison, WI 53701. Fax 608-261-6699. Telephone 608-267-4405.

Subscriptions are \$20, payable in advance to the Safety and Buildings Division, for 12 monthly issues.

Electrical Consultants

Monte Ewing Madison 608-266-3064
Tom Garvey Milwaukee 414-747-0256
Raymond Weber Wis. Rapids 715-421-2610

Commercial Building Inspectors

Leonard Alexander Reedsburg 608-524-3374
John Anderson Clintonville 715-823-2014
David Bibeau Antigo 715-627-7329
Teresa Black Hayward 715-634-8114
Nicholas Charles Stevens Point 715-345-5336
John Dahl Menomonie 715-232-6600
Jane Drager Combined Locks 920-788-4616
Steven Gothard Cottage Grove 608-839-9835
Emil Jensen Green Bay 920-822-2915
Chris Luster Prairie du Chien 608-326-6779
Veronica Miller Waukesha 262-521-5067
John Nygard Green Bay 920-434-7192
Peter Ochs Fond Du Lac 920-929-3167
Charlotte Martin Edgerton 608-884-4168
Lawrence Weede Lake Geneva 262-248-4922
Betty Wiese Milwaukee 414-228-6956

Commercial Building Plan Reviewers

Green Bay Don Diedrick 920-492-5606
Tony Gryzbowski 920-492-5609
Minh Tran 920-492-7730
Jack Wotruba 920-492-6500
Fax: 920-492-5604
Hayward Jack Miller 715-634-8964
Fax: 715-634-5150
La Crosse Doug Erler 608-785-4690
Jon Molzahn 608-785-9344
Fax: 608-785-9330
Madison Kenneth Beseke 608-261-8504
Jon Buschke 608-266-1921
Randy Dahmen 608-266-3162
Lynne LeCount 608-267-2496
Dale Mitchell 608-266-0669
Rick Olson 608-266-9291
Ellis Pifer 608-266-0676
Moktar Tamallah 608-266-8737
Mike Valdovinos 608-267-2498
Fax: 608-267-9566
Shawano Steve Dobratz 715-526-9019
Irene Gerloff 715-524-6851
Duane Peterson 715-524-6852
Fax: 715-524-3633
Waukesha John Courchaine 262-548-8603
Lee Finley 262-548-8611
Tariq Masood 262-548-8608
(Nizam) S. Nizamuddin 262-548-8615
Donna Stilen 262-548-8609
Larry Stilen 262-548-8607
Fax: 262-548-8614